

Converting Colors

XYZ(57.0187, 49.3092, 43.4557)

Have a look what the booklet for
XYZ(57.0187, 49.3092, 43.4557)
contains.

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Color

**XYZ(57.0057, 49.3577,
43.5682)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A8A8
RGB	240, 168, 168
RGB Percent	94%, 66%, 66%
CMY	0.0588, 0.3412, 0.3412
CMYK	0.00, 0.30, 0.30, 0.06
HSL	0°, 71%, 80%
HSV	0°, 30%, 94%
XYZ	57.0057, 49.3577, 43.5682
YIQ	189.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

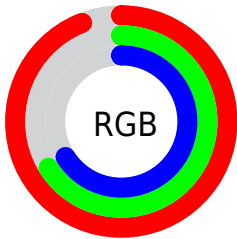
Format	Color
R _Y B	240, 168, 168
Decimal	15771816
CIE Lab	75.67, 26.52, 10.68
CIE LCh	76, 28.587, 21.936
Yxy	49.3577, 0.3802, 0.3292
Android (android.graphics.Color)	4293961896 (0xFFFF0A8A8)
YUV	189.5280, -10.6133, 44.2639
Hunter-Lab	70.2550, 21.8905, 12.4102

Details

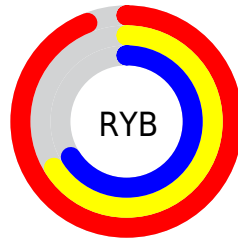
The XYZ color **57.0057, 49.3577, 43.5682** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.0356, 76.9336, 93.9656**, and the grayscale version is **48.7152, 51.2521, 55.8136**.

A 20% lighter version of the original color is **81.2149, 79.8990, 80.9536**, and **28.5745, 23.4675, 19.5466** is the 20% darker color. If you saturate the color by 10%, you get **50.9438, 40.4878, 31.5159**, and if you desaturate by 10%, it is **64.3004, 60.0324, 58.0683**.

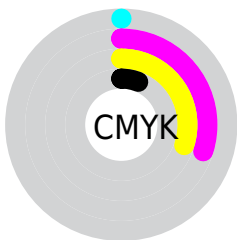
Distribution



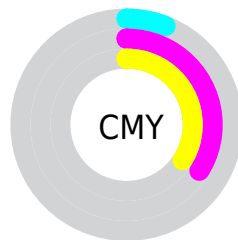
- Red (94%)
- Green (66%)
- Blue (66%)



- Red (94%)
- Yellow (66%)
- Blue (66%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (6%)





- Cyan (6%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0057, 49.3577, 43.5682 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 57.0057, 49.3577, 43.5682 by changing the saturation by 10% instead.


 57.0057, 49.3577,
43.5682


 57.0057, 49.3577,
43.5682


403.4845,
384.1488, 376.9329

 41.2500, 34.9033,
29.9965

 99.6048, 89.2225,
81.8631

 28.7030, 23.5884,
19.5839


 127.1789,
115.4017, 107.4234

 18.9994, 15.0286,
11.9119


159.4232,
146.2579, 137.8170

 11.7739, 8.8394,
6.5619

196.7030,
182.1756, 173.4624

 6.6610, 4.6366,
3.1154

239.3837,
223.5392, 214.7781

 3.2954, 2.0357,
1.1539

287.8306,

 1.3119, 0.6281,

270.7329, 262.1828

0.0000

342.4091,
324.1414, 316.0949

■ 0.1921, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0057, 49.3577,
43.5682

■ 57.0057, 49.3577,
43.5682

■ 50.9438, 40.4878,
31.5159

■ 64.3004, 60.0324,
58.0683

■ 46.0431, 33.3166,
21.7737

■ 72.8867, 72.5964,
75.1375

■ 42.2305, 27.7376,
14.1947

■ 82.8241, 87.1375,
94.8929

■ 39.4232, 23.6296,
8.6142

■ 89.7453, 97.2653,
108.6517

■ 37.5263, 20.8538,
4.8437

■ 36.4271, 19.2452,
2.6590

■ 35.9355, 18.5257,
1.6818

■ 35.9354, 18.5257,
1.6818

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.7335, 49.3577, 57.9373



57.0057, 49.3577, 43.5682



53.4747, 49.3577, 33.8978

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.0057, 49.3577, 43.5682



39.3445, 49.3577, 37.6940



45.4992, 49.3577, 88.0927

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.0057, 49.3577, 43.5682



63.0356, 76.9336, 93.9656

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.9113, 49.3577, 80.1250



57.0057, 49.3577, 43.5682



37.5367, 49.3577, 49.7545

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.0057, 49.3577, 43.5682



43.2112, 49.3577, 30.9774



38.0880, 49.3577, 65.3881



50.8204, 49.3577, 85.5828

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.0057, 49.3577, 43.5682



50.1415, 49.3577, 30.5130



38.0880, 49.3577, 65.3881



43.8261, 49.3577, 86.5051

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.0070, 49.3600, 43.5692



84.6837, 84.8313, 88.2919



65.6663, 52.8223, 89.1730



17.7929, 17.6702, 18.2363



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0070, 49.3600, 43.5692



61.0027, 50.1793, 41.2147



64.5963, 64.5386, 46.0989



15.7730, 15.7590, 16.3602



19.6716, 10.1413, 0.9207



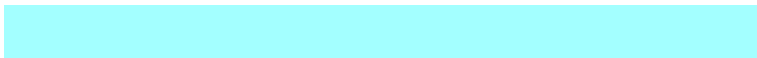
1.6365, 0.8437, 0.0766

Inverse Universe

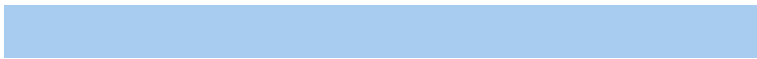
The Inverse Universe completely reimagines the original color for something new.



63.0356, 76.9336, 93.9656



68.9532, 86.5436, 107.6781



53.4699, 57.8023, 90.7771



16.2473, 17.9288, 20.3259



25.6647, 37.5536, 51.0238



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 57.0057, 49.3577, 43.5682 looks on a white background.

Color Contrast Check

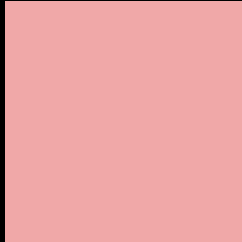
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.0057, 49.3577, 43.5682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

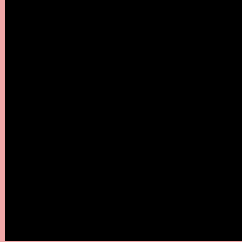
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0057, 49.3577, 43.5682

Background



This preview shows how black text looks on a background with the XYZ color 57.0057, 49.3577, 43.5682.



This preview shows how white text looks on a background with the XYZ color 57.0057, 49.3577,

43.5682.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.0057, 49.3577, 43.5682

Protanopia

47.3330, 49.5386, 49.1867

Deuteranopia

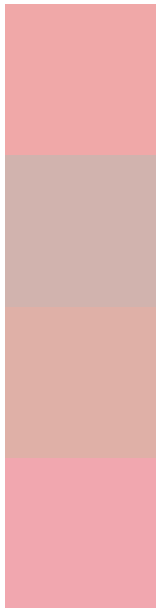
50.6448, 49.5418, 42.9697



Tritanopia

58.0485, 49.2279, 49.0903

Trichromacy



Original Color

57.0057, 49.3577, 43.5682

Protanomaly

50.0546, 48.8515, 46.8355

Deuteranomaly

52.9318, 49.5287, 43.3294

Tritanomaly

57.8322, 49.4334, 47.0509

Monochromacy



Original Color

57.0057, 49.3577, 43.5682

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.1839, 50.2432, 51.2562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0057, 49.3577, 43.5682 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 168, 168)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 168, 168) }
```

Border

The CSS property to change the border of an element to XYZ 57.0057, 49.3577, 43.5682 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 168, 168) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(240, 168, 168) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(240, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 168,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0057, 49.3577, 43.5682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 168, 168) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
168, 168) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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